

CLIPPEDIMAGE= JP410048654A
PAT-NO: JP410048654A
DOCUMENT-IDENTIFIER: JP 10048654 A
TITLE: TERMINAL STRUCTURE OF LCD PANEL

PUBN-DATE: February 20, 1998

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APPL-NO: JP08200644
APPL-DATE: July 30, 1996

INT-CL_(IPC): G02F001/1345

ABSTRACT:

PROBLEM TO BE SOLVED: To prevent the peeling of an electrode film by mechanical force by completely covering the terminal electrodes formed on a glass substrate with an insulating film and providing part of the insulating film on terminals with contact holes.

SOLUTION: There is the electrode film 4 superposed on a glass substrate 3. The structure that the insulating film 2b formed thicker than the electrode film 4 and the insulating film 2c formed to cover the entire part of the terminal parts exist is adopted. Further, the structure to provide the insulating film 2c on the electrode film 4 with the contact holes 1 is adopted in order to obtain the electrical conduction with the electrode film 4.

In such a case, the size of the contact holes 1 is required to open the contact holes by the size at which the sufficient contact of the conducting

particles of an
anisotropic conductive film (AFC) with the electrode film 4
is made possible.
As a result, the terminal electrode film 4 is made into the
form of embedding
the film in the insulating film 2c. Since the electrode
surface is lower than
the circumference, the electrode film 4 is hardly peelable
by mechanical force
at the time of peeling of a tape carrier package(TCP), etc.

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